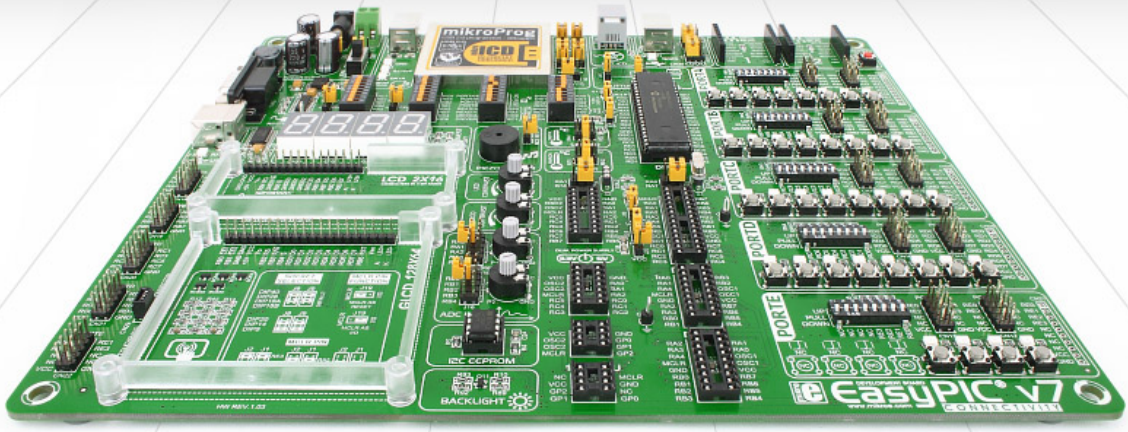
BUY NOW $149

EasyPIC v7 connectivity



a new development experience.

Four connectors for each port

Amazing Connectivity

EasyPIC v7 is all about connectivity. Having four different connectors for each port, you can connect accessory boards, sensors and your custom electronics easier then ever before.

Everything is already here

mikroProg on board

Powerful on-board mikroProg programmer and In-Circuit debugger can program and debug over 250 microcontrollers. You will need it, whether you are a professional or a beginner.

Supports 3.3V and 5V devices

Dual power supply

EasyPIC v7 is among few development boards which support both 3.3V and 5V microcontrollers. This feature greatly increases the number of supported MCUs.It's like having two boards instead of one!

mikroBUS sockets on board

Supports Click boards

Two innovative new mikroBUS sockets allow you to use dozens of Click accessory boards with almost no hardware adjustments. Adding new functionality to your device was never so easy.

Overview | Programming | Image Gallery | Kits

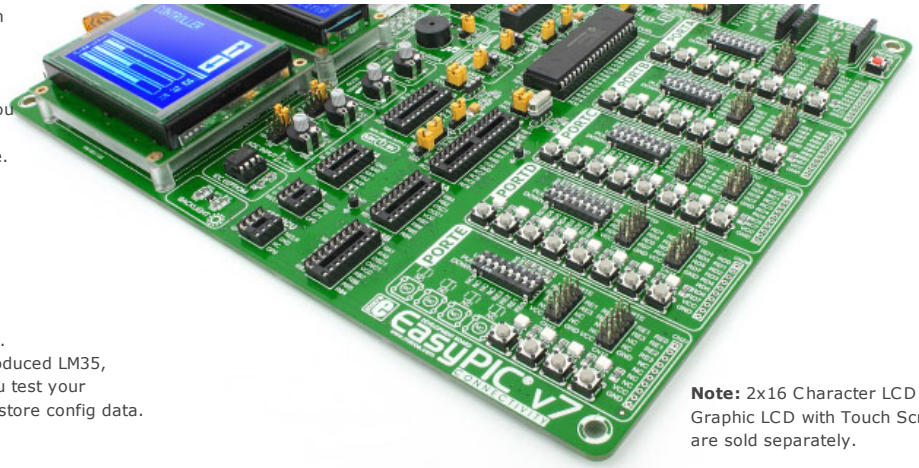
What is EasyPIC v7?

EasyPIC v7 is the seventh generation of our famous PIC development board. It is the product of accumulated knowledge over the past 10 years, and it's state of the art of design, functionality and quality. It is loved by beginners and hobbyists, as well as professionals, and used in education and development by thousands. Board comes with PIC18F45K22 device.

It's a big difference

mikroProg on board

What makes this board so unique is that it comes with powerful on-board mikroProg programmer and In-Circuit Debugger, capable of programming more than 250 microcontrollers. This makes development with EasyPIC v7 a whole new experience. Whether you are just a beginner, or a well-trained professional, this remarkable feature is an irreplaceable advantage.

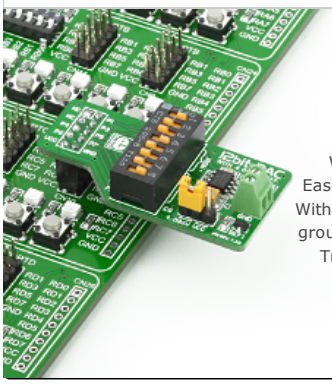


New modules on your demand

Buzzer, Temp sensors, EEPROM

EasyPIC v7 has modules for all kinds of development. Beside standard DS1820 digital thermometer we introduced LM35, analog temperature sensor. Piezo buzzer will help you test your sound signalization, and you can use I2C EEPROM to store config data.

Note: 2x16 Character LCD and Graphic LCD with Touch Screen are sold separately.



Organized to make sense

PORTs, buttons and LEDs

We have put a lot of thought in making this EasyPIC so much better than it's predecessor. With better organization ports are now logically grouped and contain related buttons and LEDs. Tri-state switches simplify settings of pull up and pull down resistors on each pin.

We have it all covered

LCD, GLCD & 7seg displays

We have returned 4-digit 7seg display to EasyPIC v7 so you can now build applications for LCD, GLCD and 7seg, all on the same board! We have organized them in a clean and elegant way, thus increasing their usability.

Examples and Manuals

All you need to get started: well commented and easy to understand examples and colour user-friendly manuals. Examples demonstrate each on-board module and are a great starting point for your future projects. User manuals are easy to read, with good explanations and lots of photos.

Examples

Examples are written for all mikroE PIC compilers: mikroC, mikroBasic and mikroPascal. They are well commented and each example contains working HEX file which you can load and use right away.

User Manuals

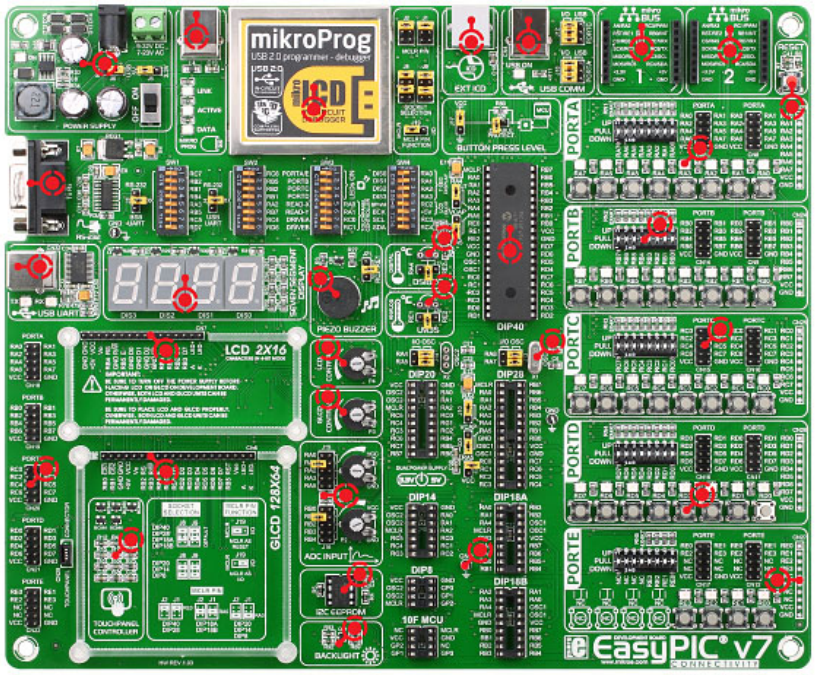
EasyPIC v7 User Manual [8.01MB]

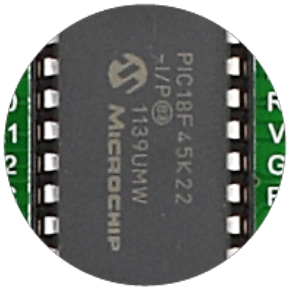
EasyPIC v7 Schematic [541KB]

For drivers and software for on-board mikroProg programmer and debugger visit Programming tab.

What's on board

Hover your cursor over the desired module and instantly get more information. Get to know your board even before you buy it.





PIC18F45K22

With just enough RAM and Flash, PIC18F45K22 microcontroller will provide you with enough power for most of your projects.

Supported Devices

Enter search keywords

EasyPIC v7 currently supports over *250 Microchip microcontrollers*. Browse through the list of supported devices or use the search box to filter out the microcontrollers or families you are interested in. For example, by typing "PIC18" will leave only PIC18F, PIC18LF, PIC18FJ and PIC18FK microcontrollers in the list. More detailed search string will leave more narrow list of devices in the list box.

Device Name	Device Pin Count	Program Memory (KB)	CPU Speed (Mhz)	RAM (Bytes)	mikroICD Supported
PIC10F200	6	0.375	4	16	No
PIC10F202	6	0.75	4	24	No
PIC10F204	6	0.375	4	16	No
PIC10F206	6	0.75	4	24	No
PIC10F220	6	0.375	8	16	No
PIC10F222	6	0.75	8	23	No
PIC12F508	8	0.75	4	25	No
PIC12F509	8	1.5	4	41	No
PIC12F510	8	1.5	8	38	No
PIC12F609	8	1.75	20	64	No

Add-On Boards

EasyPIC v7 opens a door with unlimited possibilities. And the story had only just started. We present you with set of accessory boards that will allow you to implement almost every idea you had in mind. Each board comes with demonstration examples, so you always have a place to start. See it for yourself!

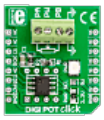
Click Communication Storage Time Measuring Display Measurement Various Audio & Voice Power Supply GSM / GPRS GPS

microSD click

$16.00 add to cart

ADC click

$24.00 add to cart



DIGI POT click

$16.90 add to cart

RS485 click 5V

$18.00 add to cart

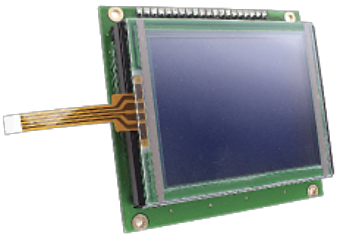
MP3 Click

$21.90 add to cart

You might also need

Equip your EasyPIC v7 with accessories. Add displays, touch screen, temperature sensors, UART and USB cables, and use wire jumpers for additional testing and

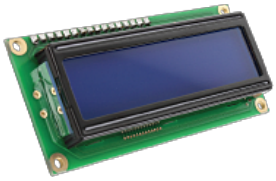
connections.



GLCD 128x64 Touch Screen

Add GLCD 128x64 with resistive touch screen to your development board. Create graphical interfaces in your application and enable user input via touch panel.

$24.00 add to cart



LCD 2x16 characters

If you need LCD display in your development, we offer 2x16 character LCD display with 7x5 pixel fields, blue background, white pixels and a great contrast.

$9.80 add to cart

RS-232 cable

If you use UART in your application, we offer you 1.8 meter long RS-232 cable with male-to-female DB9 connectors. This cable ensures that it can withold fast baudrates of your UART transmission.

$3.90 add to cart

Additional PIC18F45K22

If you need another PIC18F45K22 for your development you can get it here. It has 16MIPS operation, 64Kbytes of ROM, 3896 bytes of RAM and it's loaded with great modules.

$8.90 add to cart

sales chat

DS1820 Temp Sensor

Expand your EasyPIC PRO v7 functionality by adding DS1820 1-wire digital temperature sensor with -55°C to +128°C temperature range, and ±0.5°C accuracy. Sensor comes in TO-92 packaging.

$7.40 add to cart

LM35 Temp Sensor

LM35 is the analog temperature sensor supported by EasyPIC PRO v7, whose output voltage is lineary proportional to the Celsius temperature. It has -55°C to +150°C temperature range, and ±0.75°C accuracy.

$3.50 add to cart

Plastic Pen

Use plastic telescopic pen for increased precision when working with your touch panel applications. This Plastic Pen is meant to be used with resistive touch panels only.

$2.00 add to cart

Wire Jumpers

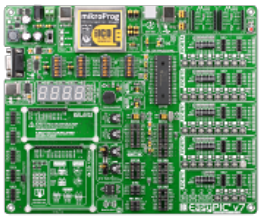
Easily connect your EasyPIC PRO v7 with additional electronics using wire jumpers. We offer femate-to-female, male-to-male and female-to-mail single pin wire jumper flavours.

$3.00 PICK & BUY

Package Contains

EasyPIC v7 is packed in the protective box along with the relevant documentation and product DVD. This box is very resistant to all kinds of damages and shocks. The package contains:

Damage resistant protective box



EasyPIC v7 board in antistatic bag

USB cable

User Manual and Board Schematic

DVD with documentation and code examples

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We deliver our products to all countries in the world using following shipping options:

Secure online payments provided by 2Checkout.com, Inc. All credit card and personal details are kept secure, and our customer list is not disclosed to any third party.

DHL Express: $25.00 USD for up to 5 Kgs, usually arrives in 2-4 business days.

Post Office $25.00 USD, no weight limit, usually arrives in 7-12 business days.

Note: Please contact local office of the chosen courier about delivery service and possible additional charges.

EasyPIC v7 Development System **$149.00 USD** add to cart

what comes after

Related Products

mikroC PRO for PIC

$249.00 USD

mikroBasic PRO for PIC

$199.00 USD

mikroPascal PRO for PIC

$199.00 USD

Visual GLCD

$99.00 USD

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- mikromedia shields
- Communication boards
- Storage boards
- Real Time Clock boards
- Display boards
- Measurement boards
- Audio & Voice boards
- Power Supply boards
- GPS boards
- GSM/GPRS boards

Additional Software
- Visual TFT
- Visual GLCD
- Package Manager
- GLCD Font Creator

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